

## REMARKS

Claims 1-21 are pending in this application. Claims 3 and 17 are amended. Claim 22 is new. Claims 5, 9, 15 and 18 are hereby cancelled without prejudice to pursuing these claims in a continuing application. Upon entry of these amendments, claims 1-4, 6-8, 10-14, 16-17 and 19-22 are under active consideration.

Claim 3 is amended to change the references to SEQ ID NOS: 4, 5 and 6 to SEQ ID NOS: 1, 2 and 3. Claim 17 is amended to correct typographical errors. Support for the amendments may be found throughout the specification as originally filed, notably at Table 1 found at page 24. Claim 21 is amended to remove multiple dependency. New claim 22 corresponds to previously multiple dependent claim 21.

The specification is amended to change the sequence identifiers to correspond to the sequences disclosed in the Sequence Listing submitted herewith. Sequence identifiers for SEQ ID NOS: 7, 8 and 9 at Table 1 of page 24 are deleted. The sequence identifier SEQ ID NO: 7 is added to paragraph [0099].

In view of the amendments being supported by the application as originally filed, Applicant respectfully submits that no new matter has been added. Applicant respectfully requests entry of the amendments and remarks made herein into the file history of the present application.

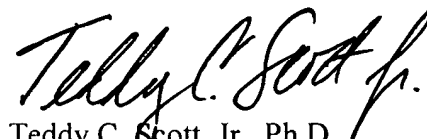
Applicant respectfully submits that the instant application is in good and proper order for allowance and early notification to this effect is solicited. If, in the opinion of the Examiner, a telephone conference would expedite prosecution of the instant application, the Examiner is encouraged to call the undersigned at the number listed below.

Respectfully submitted,

HOWREY SIMON ARNOLD & WHITE, LLP

Dated: December 30, 2004

By:



Teddy C. Scott, Jr., Ph.D.  
Registration No.: 53,573  
Customer No.: 22930

HOWREY SIMON ARNOLD & WHITE, LLP  
321 N. Clark Street, Suite 3400  
Chicago, IL 60661  
(312) 595-1239 (main)  
(312) 846-5621 (direct)  
(312) 595-2250 (fax)